



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Shui-Ming Cheng, et al.

§

Group Art Unit: 2814

§

Examiner: Cao, Phat X.

§

Filed: November 25, 2003

§

Confirmation No.: 6790

§

For: Semiconductor Device Having High Drive
Current and Method of Manufacture
Therefor

§

Mail Stop AF

Commissioner of Patents
P. O. Box 1450
Alexandria, VA 22313-1450

DECLARATION UNDER 37 C.F.R. § 1.131

I, Shui-Ming Cheng, declare and say that:

1. I am one of the four sole inventors of the subject matter disclosed and claimed in the above-identified application.
2. At all times set forth herein, I was an employee of Taiwan Semiconductor Manufacturing Co., Ltd., the assignee of the above identified application (hereinafter referred to as "TSMC"), in Taiwan.
3. The invention claimed in the above-identified application was reduced to practice prior to October 31, 2003, the filing date of U.S. Patent App. Pub. No. 2005/0093021, as evidenced by the TSMC Invention Disclosure form that I approved before October 31, 2003. A redacted copy of the TSMC Invention Disclosure form is attached.
4. All of the activities described above occurred in Taiwan.

Appl. No. 10/722,218
Declaration under 37 C.F.R. §1.131

Patent/Docket No. 24061.149
Customer No. 000042717

I declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true and that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code.

✓ Shui-Ming Cheng
Shui-Ming Cheng

Date: ✓ 2006, 06, 21

Appl. No. 10/722,218
Declaration under 37 C.F.R. §1.131

Patent/Docket No. 24061.149
Customer No. 000042717

I declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true and that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code.

✓ Kuan-Lun Cheng

Kuan Lun Cheng

Date: ✓ 06-21-2006

Kuan-Lun Cheng

Appl. No. 10/722,218
Declaration under 37 C.F.R. §1.131

Patent/Docket No. 24061.149
Customer No. 000042717

I declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true and that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code.

✓ Yi Ming Sheu
Yi-Ming Sheu
Date: ✓ 2006, 06, 21

Appl. No. 10/722,218
Declaration under 37 C.F.R. §1.131

Patent/Docket No. 24061.149
Customer No. 000042717

I declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true and that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code.

✓ Ka-Hing Fung

Ka-Hing Fung

Date: ✓ 2006, 6, 21